IBM Data Stage Lab Guide#12

Remove Duplicate on Datastage 8.5

Description:

BISP is committed to provide BEST learning material to the beginners and advance learners. In the same series, we have prepared a list of beginner's guide and FAQs for IBM Data Stage. We have built complete financial Data Model and various data transformation techniques. Download many such learning documents, student guide, Lab Guide and Hands-on practice materials. Join our professional training.

History:

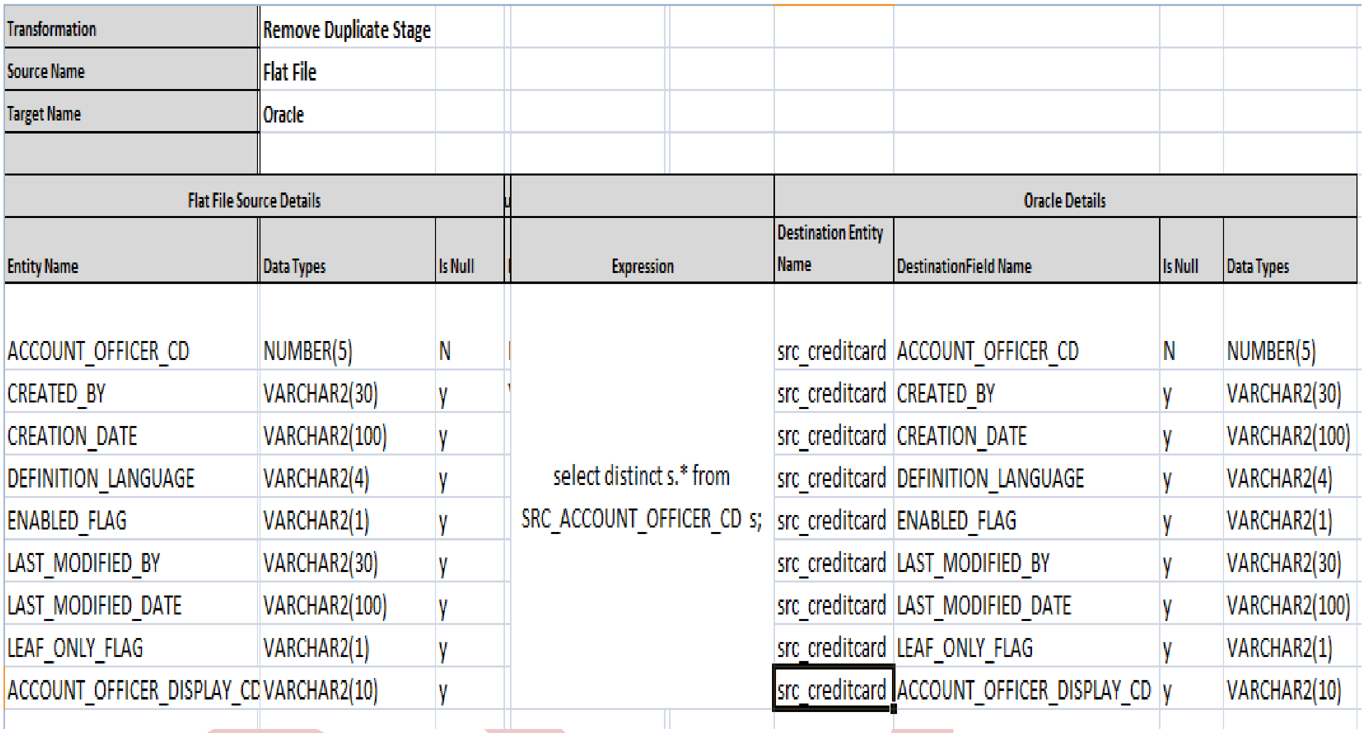
Version	Description Change	Author	Publish Date
0.1	Initial Draft	Varun Khare	12th Aug 2012
0.1	Review#1	Amit Sharma	18th Aug 2012

Mapping Sheet

Remove Duplicate

Source- Flat File

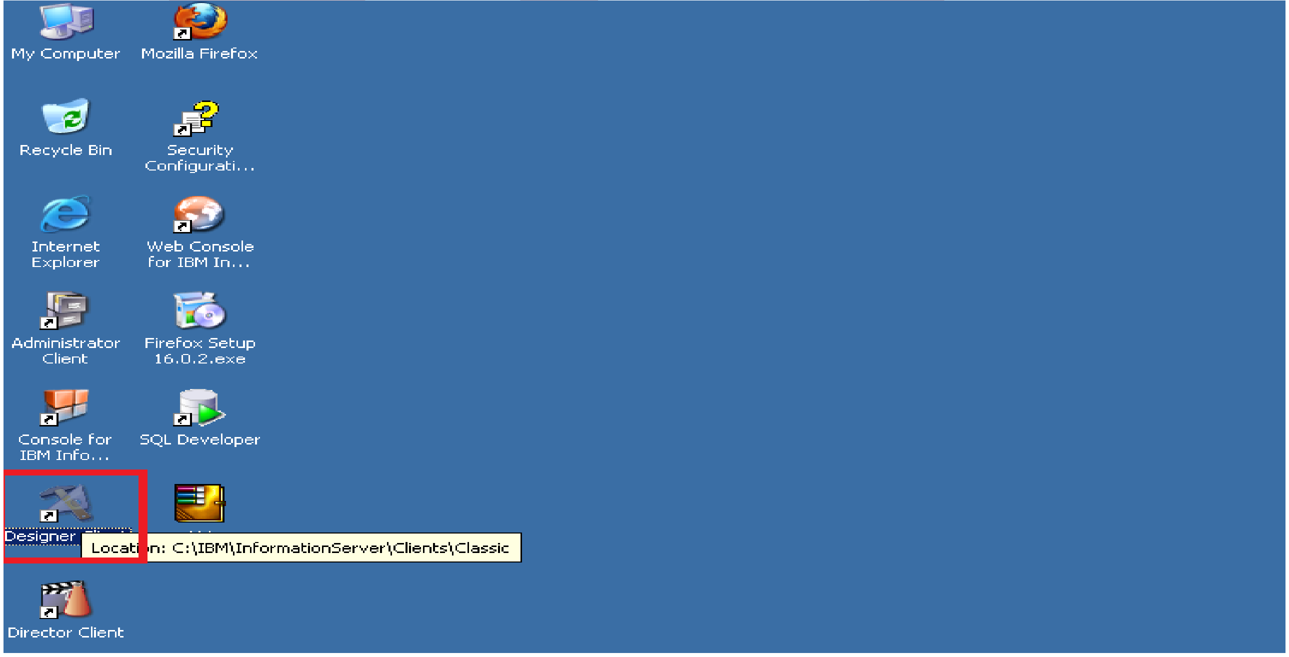
Target- Oracle



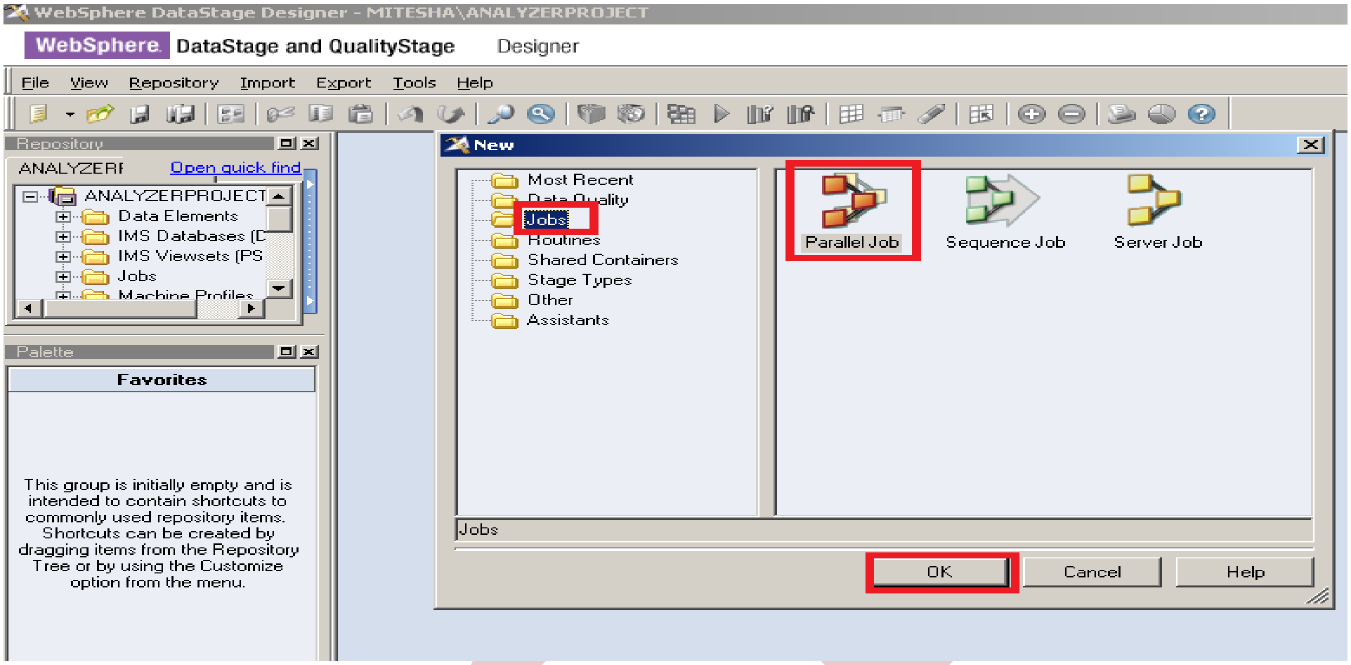
Transformation	Remove Duplicate Stage
Source Name	Flat File
Target Name	Oracle

Flat File Source Details				Oracle Details			
Entity Name	Data Types	Is Null	Expression	Destination Entity Name	DestinationField Name	Is Null	Data Types
ACCOUNT_OFFICER_CD	NUMBER(5)	N	select distinct s.* from SRC_ACCOUNT_OFFICER_CD s;	src_creditcard	ACCOUNT_OFFICER_CD	N	NUMBER(5)
CREATED_BY	VARCHAR2(30)	y		src_creditcard	CREATED_BY	y	VARCHAR2(30)
CREATION_DATE	VARCHAR2(100)	y		src_creditcard	CREATION_DATE	y	VARCHAR2(100)
DEFINITION_LANGUAGE	VARCHAR2(4)	y		src_creditcard	DEFINITION_LANGUAGE	y	VARCHAR2(4)
ENABLED_FLAG	VARCHAR2(1)	y		src_creditcard	ENABLED_FLAG	y	VARCHAR2(1)
LAST_MODIFIED_BY	VARCHAR2(30)	y		src_creditcard	LAST_MODIFIED_BY	y	VARCHAR2(30)
LAST_MODIFIED_DATE	VARCHAR2(100)	y		src_creditcard	LAST_MODIFIED_DATE	y	VARCHAR2(100)
LEAF_ONLY_FLAG	VARCHAR2(1)	y		src_creditcard	LEAF_ONLY_FLAG	y	VARCHAR2(1)
ACCOUNT_OFFICER_DISPLAY_CD	VARCHAR2(10)	y		src_creditcard	ACCOUNT_OFFICER_DISPLAY_CD	y	VARCHAR2(10)

Step-1 :- In Windows Click Designer Client of DataStage

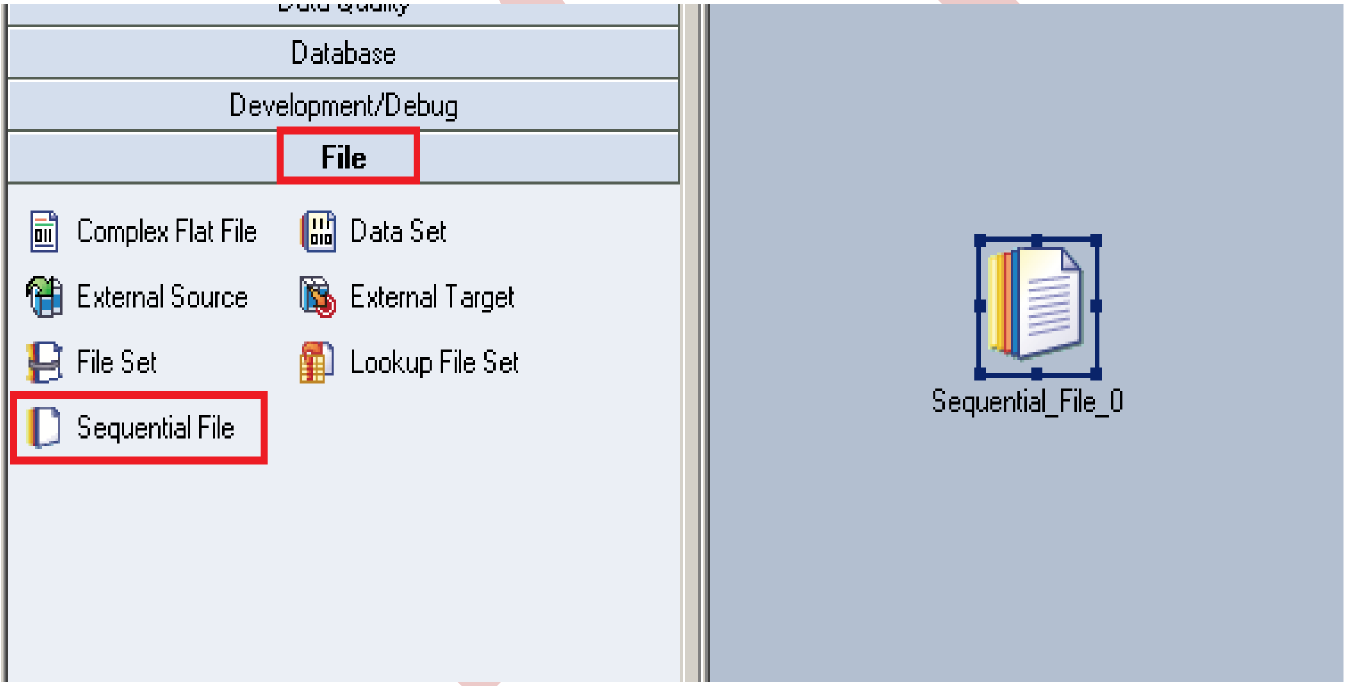


Step-2 :- New Window opens, then click Jobs ,then click Parallel Job because we are using parallel jobs.

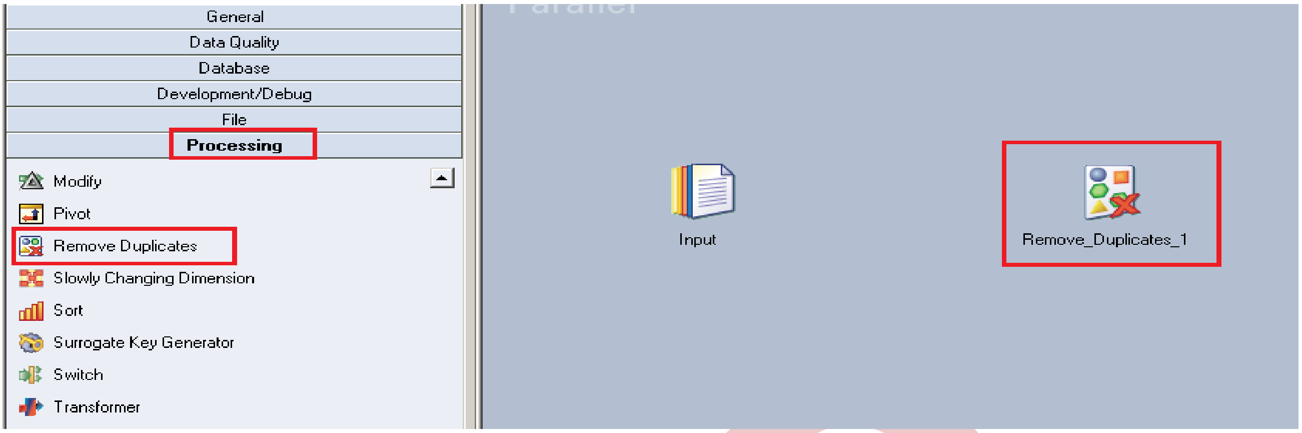


This group is initially empty and is intended to contain shortcuts to commonly used repository items. Shortcuts can be created by dragging items from the Repository Tree or by using the Customize option from the menu.

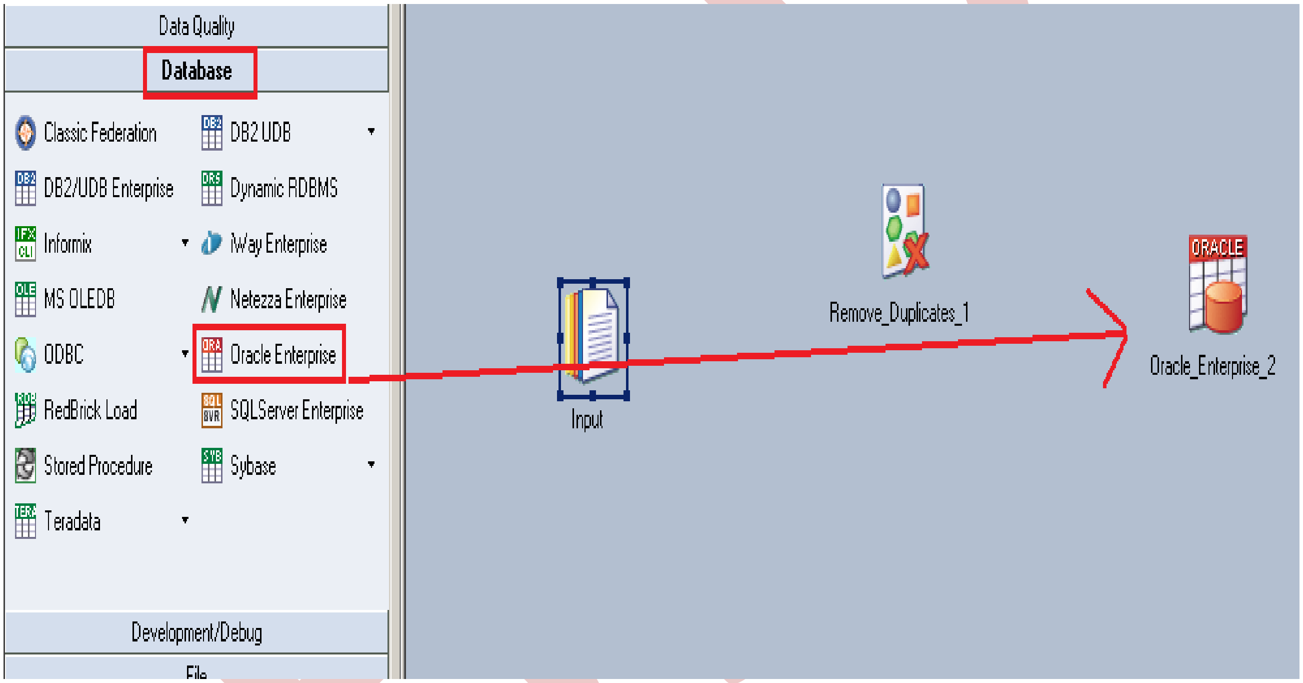
Step-3 :- First go on File Palette then scroll the cursor and choose Sequential File drag it to Parallel pane and rename it. This is used for taking input from flat file.



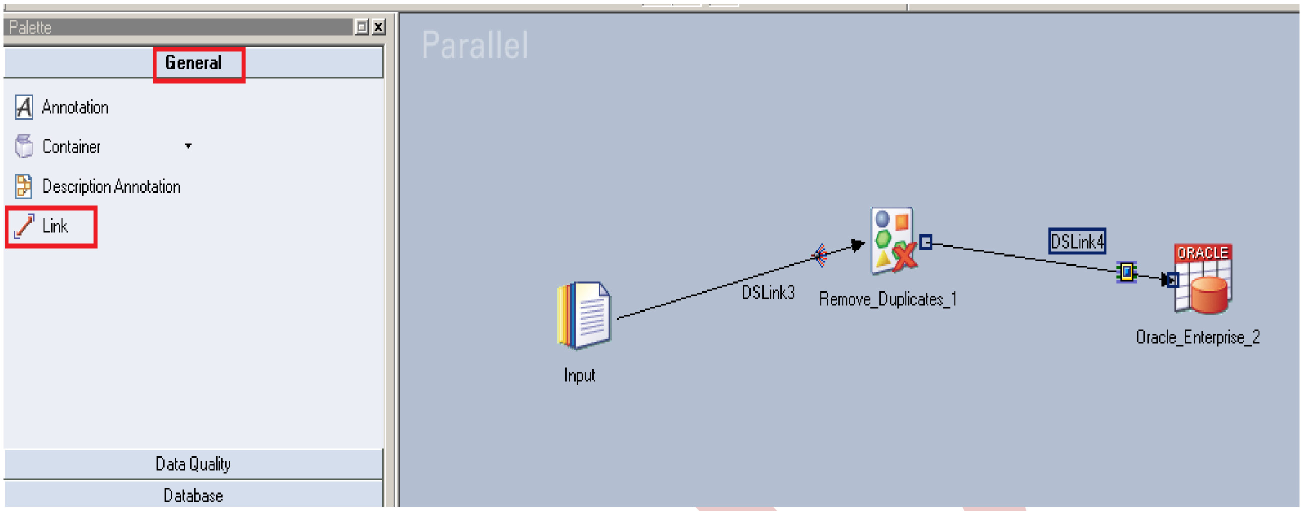
Step-4 :- Now go to processing palette and choose remove duplicate stage as we know that this stage is useful for load unique value only and remove duplicates value from source file.



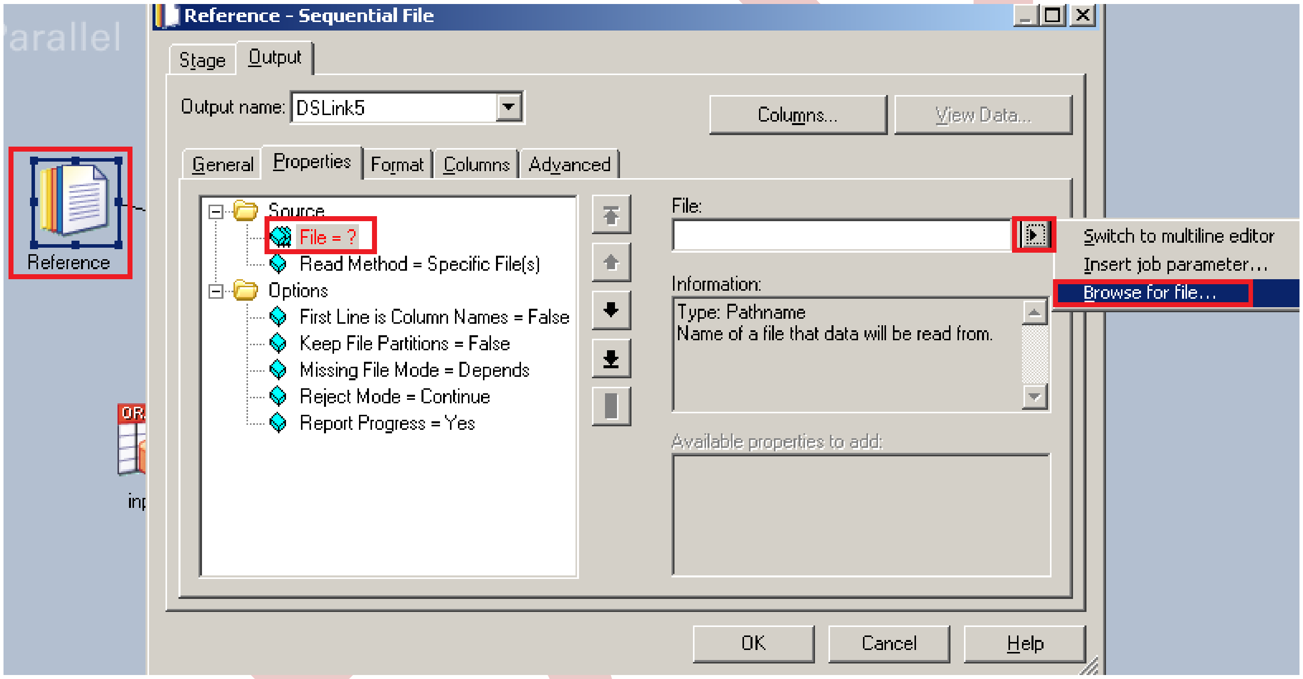
Step-5 :- Choose Oracle Enterprise from database. Database Palette and drag it to parallel pane. This is used for save target data into oracle.



Step-6:- Now make an connection with these stages that's why we have to use this link stage for connecting these stages.



Step-7:- Double click on Input file and browse an input file that can be .txt, .csv any test file.



Output name: DSLink5

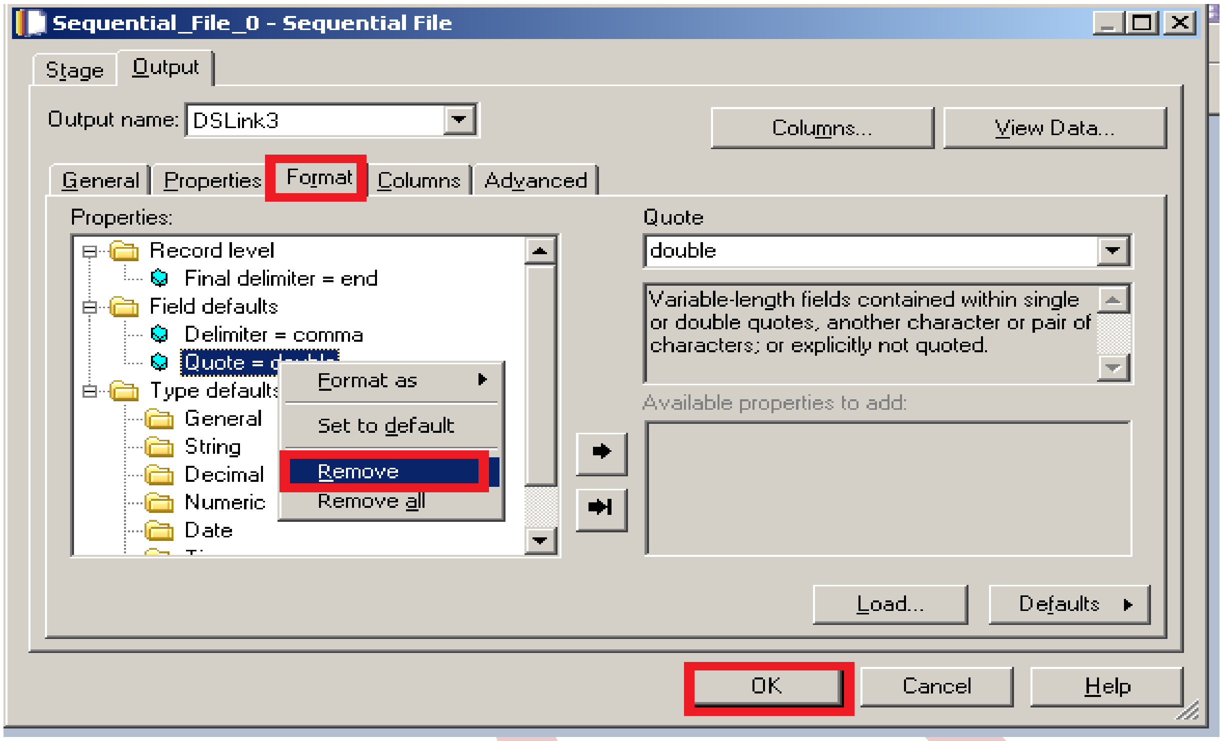
- Source
  - File = ?
  - Read Method = Specific File(s)
- Options
  - First Line is Column Names = False
  - Keep File Partitions = False
  - Missing File Mode = Depends
  - Reject Mode = Continue
  - Report Progress = Yes

File:

Information:
Type: Pathname
Name of a file that data will be read from.

Step-8:- Go to Format tab and Remove double Quote because we don't need them then Click on OK.

Note:- If you use date as a input than specify here which type of format you used



Output name: DSLink3

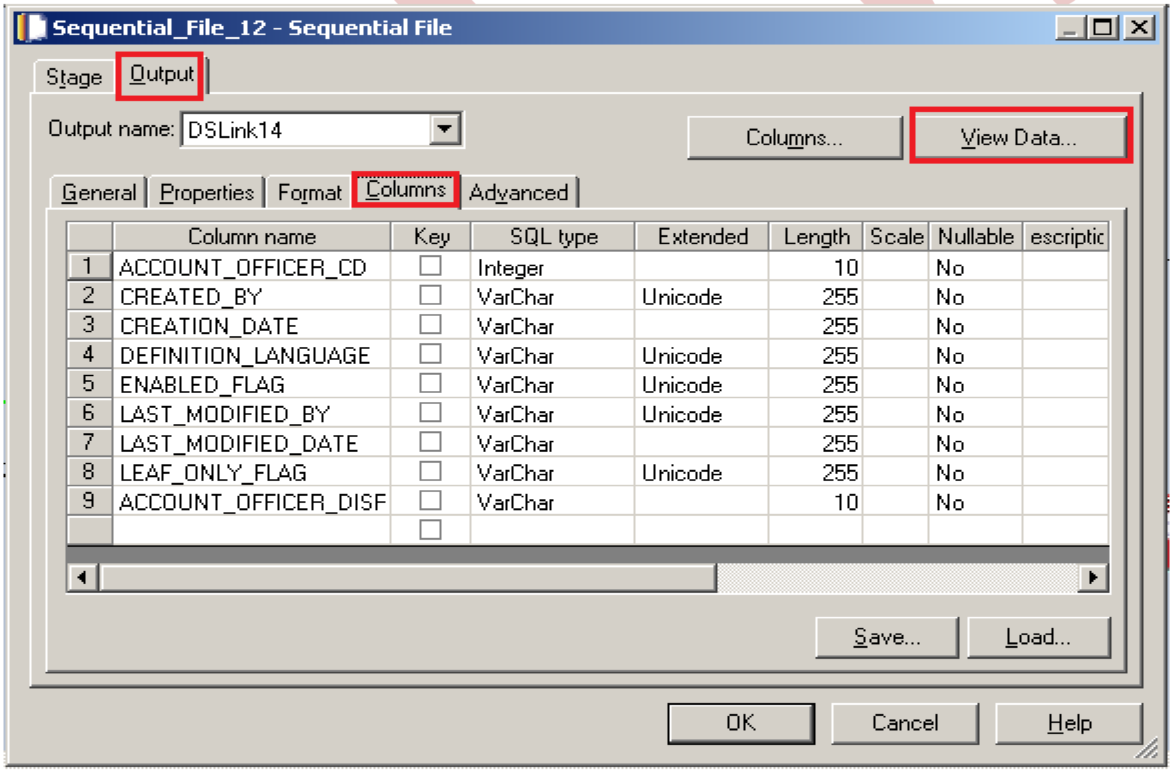
Properties:

- Record level
  - Final delimiter = end
- Field defaults
  - Delimiter = comma
  - Quote = double
- Type defaults
  - General
  - String
  - Decimal
  - Numeric
  - Date

Quote: double

Variable-length fields contained within single or double quotes, another character or pair of characters; or explicitly not quoted.

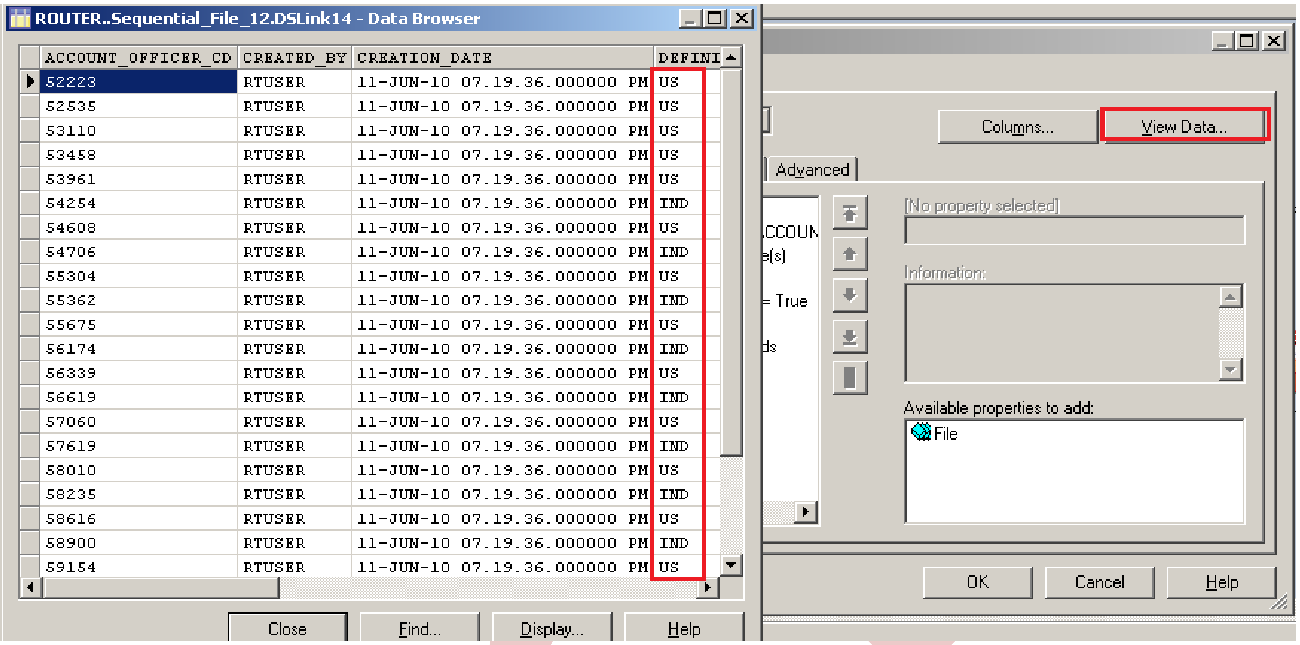
Step-9:- Go to Columns tab and enter same column names as declared in Input file and put data type, length than click on View Data. This will show your Input Data.



Output name: DSLink14

	Column name	Key	SQL type	Extended	Length	Scale	Nullable	escriptic
1	ACCOUNT_OFFICER_CD	□	Integer		10		No	
2	CREATED_BY	□	VarChar	Unicode	255		No	
3	CREATION_DATE	□	VarChar		255		No	
4	DEFINITION_LANGUAGE	□	VarChar	Unicode	255		No	
5	ENABLED_FLAG	□	VarChar	Unicode	255		No	
6	LAST_MODIFIED_BY	□	VarChar	Unicode	255		No	
7	LAST_MODIFIED_DATE	□	VarChar		255		No	
8	LEAF_ONLY_FLAG	□	VarChar	Unicode	255		No	
9	ACCOUNT_OFFICER_DISF	□	VarChar		10		No	
		□						

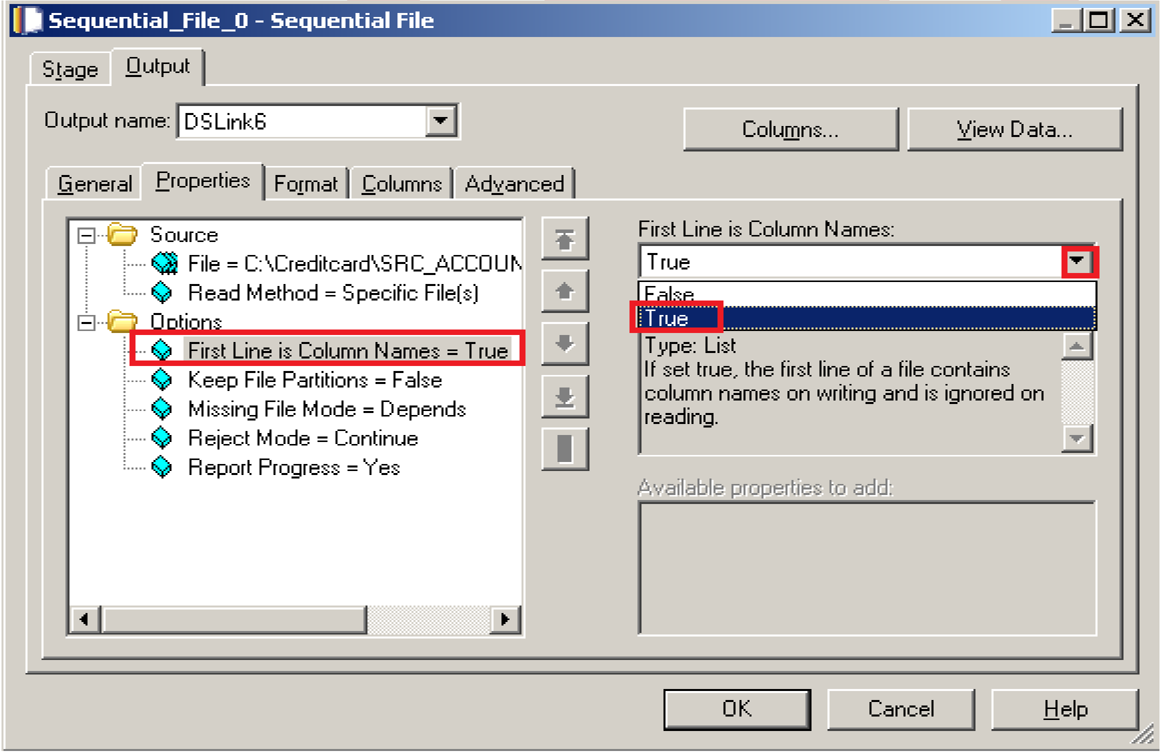
Step-10:- Now click on View Data and Ok. If your data is shown like this that means you have made successful connection between input file and Datastage otherwise it will give some error like column mismatch error.



ROUTER..Sequential_File_12.DSLink14 - Data Browser

ACCOUNT_OFFICER_CD	CREATED_BY	CREATION_DATE	DEFINI
52223	RTUSER	11-JUN-10 07.19.36.000000 PM	US
52535	RTUSER	11-JUN-10 07.19.36.000000 PM	US
53110	RTUSER	11-JUN-10 07.19.36.000000 PM	US
53458	RTUSER	11-JUN-10 07.19.36.000000 PM	US
53961	RTUSER	11-JUN-10 07.19.36.000000 PM	US
54254	RTUSER	11-JUN-10 07.19.36.000000 PM	IND
54608	RTUSER	11-JUN-10 07.19.36.000000 PM	US
54706	RTUSER	11-JUN-10 07.19.36.000000 PM	IND
55304	RTUSER	11-JUN-10 07.19.36.000000 PM	US
55362	RTUSER	11-JUN-10 07.19.36.000000 PM	IND
55675	RTUSER	11-JUN-10 07.19.36.000000 PM	US
56174	RTUSER	11-JUN-10 07.19.36.000000 PM	IND
56339	RTUSER	11-JUN-10 07.19.36.000000 PM	US
56619	RTUSER	11-JUN-10 07.19.36.000000 PM	IND
57060	RTUSER	11-JUN-10 07.19.36.000000 PM	US
57619	RTUSER	11-JUN-10 07.19.36.000000 PM	IND
58010	RTUSER	11-JUN-10 07.19.36.000000 PM	US
58235	RTUSER	11-JUN-10 07.19.36.000000 PM	IND
58616	RTUSER	11-JUN-10 07.19.36.000000 PM	US
58900	RTUSER	11-JUN-10 07.19.36.000000 PM	IND
59154	RTUSER	11-JUN-10 07.19.36.000000 PM	US

Step-11:- After choosing file, select 'True' from First line in column Names dropdown for removing first line from Input file.



Sequential_File_0 - Sequential File

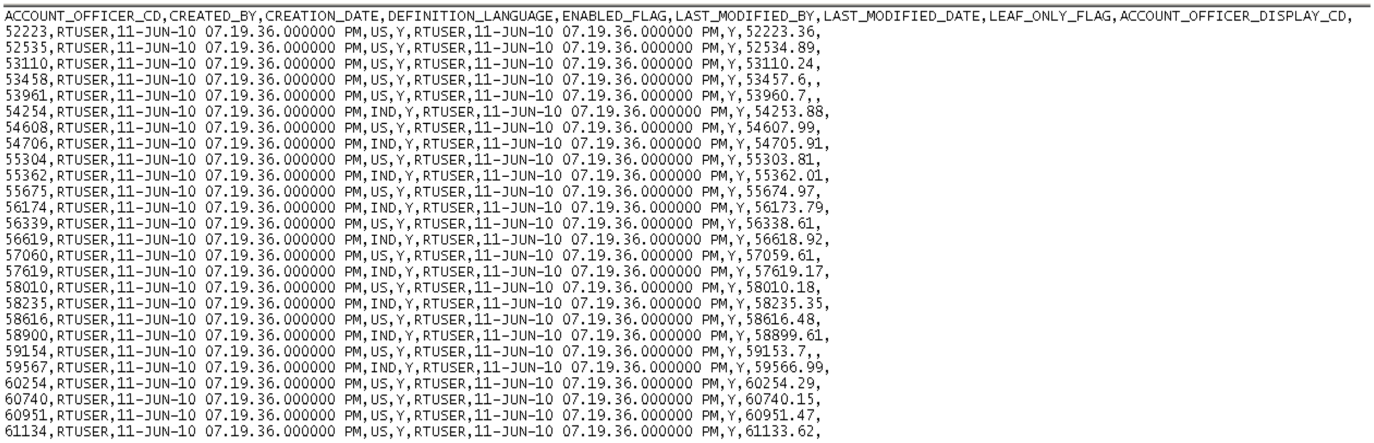
Output name: DSLink6

- Source
  - File = C:\Creditcard\SRC_ACCOUN
  - Read Method = Specific File(s)
- Options
  - First Line is Column Names = True
  - Keep File Partitions = False
  - Missing File Mode = Depends
  - Reject Mode = Continue
  - Report Progress = Yes

First Line is Column Names: True

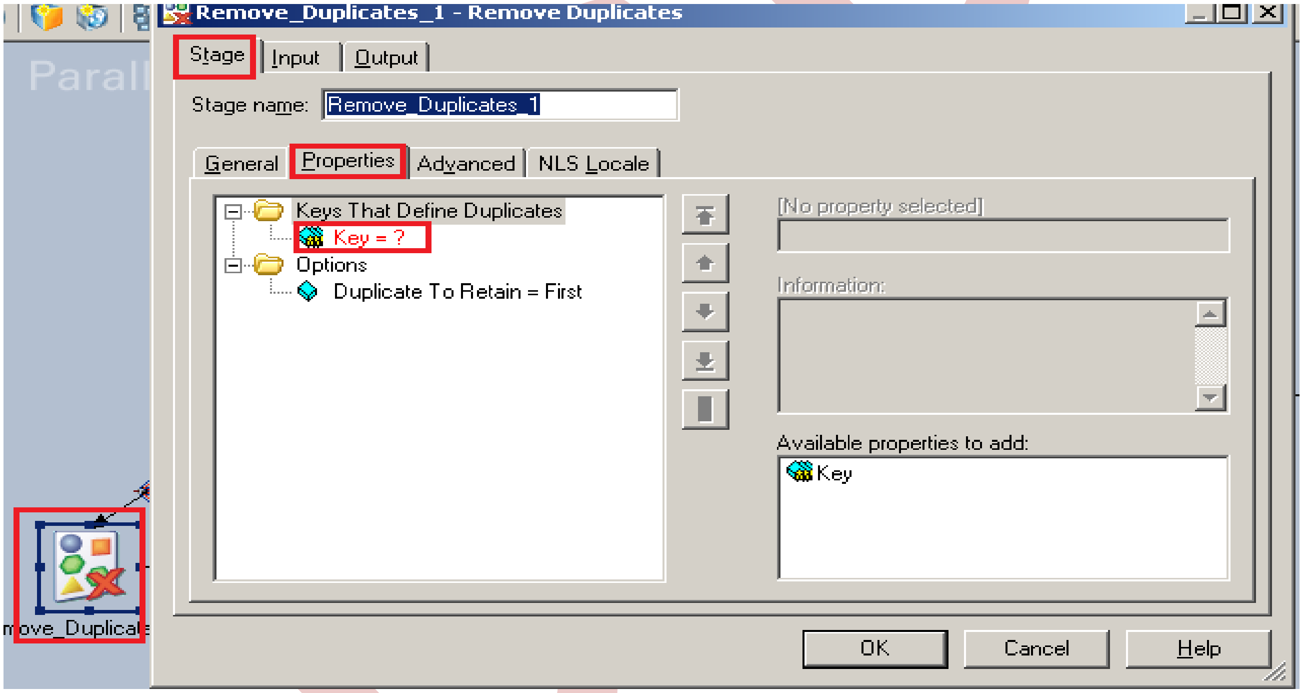
Type: List
If set true, the first line of a file contains column names on writing and is ignored on reading.

Step-12 :- Make input file and remember column name



```
ACCOUNT_OFFICER_CD,CREATED_BY,CREATION_DATE,DEFINITION_LANGUAGE,ENABLED_FLAG,LAST_MODIFIED_BY,LAST_MODIFIED_DATE,LEAF_ONLY_FLAG,ACCOUNT_OFFICER_DISPLAY_CD,
52223,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,52223.36,
52535,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,52534.89,
53110,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,53110.24,
53458,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,53457.6,,
53961,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,53960.7,,
54254,RTUSER,11-JUN-10 07.19.36.000000 PM,IND,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,54253.88,
54608,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,54607.99,
54706,RTUSER,11-JUN-10 07.19.36.000000 PM,IND,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,54705.91,
55304,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,55303.81,
55362,RTUSER,11-JUN-10 07.19.36.000000 PM,IND,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,55362.01,
55675,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,55674.97,
56174,RTUSER,11-JUN-10 07.19.36.000000 PM,IND,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,56173.79,
56339,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,56338.61,
56619,RTUSER,11-JUN-10 07.19.36.000000 PM,IND,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,56618.92,
57060,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,57059.61,
57619,RTUSER,11-JUN-10 07.19.36.000000 PM,IND,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,57619.17,
58010,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,58010.18,
58235,RTUSER,11-JUN-10 07.19.36.000000 PM,IND,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,58235.35,
58616,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,58616.48,
58900,RTUSER,11-JUN-10 07.19.36.000000 PM,IND,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,58899.61,
59154,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,59153.7,,
59567,RTUSER,11-JUN-10 07.19.36.000000 PM,IND,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,59566.99,
60254,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,60254.29,
60740,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,60740.15,
60951,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,60951.47,
61134,RTUSER,11-JUN-10 07.19.36.000000 PM,US,Y,RTUSER,11-JUN-10 07.19.36.000000 PM,Y,61133.62,
```

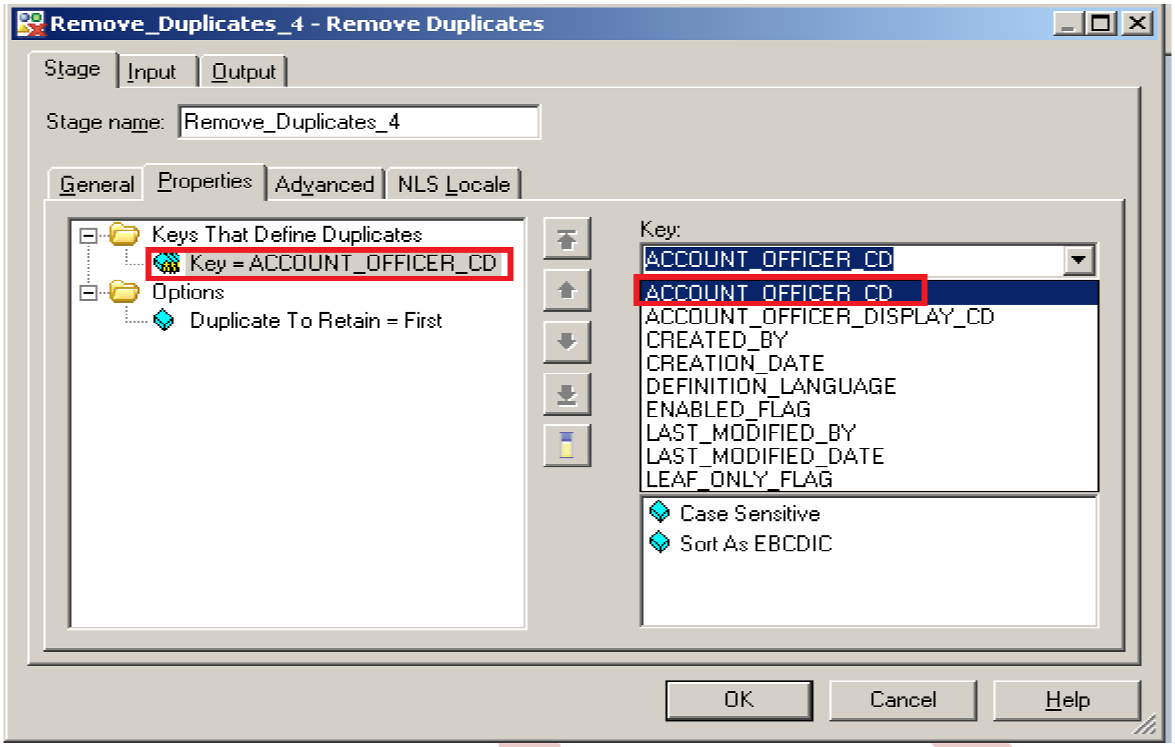
Step-13:- Now double click on remove duplicate stage and see these properties here simple properties are available the main thing is there's key used that means we have to choose unique column from source file where we want that operation.



Stage name: Remove_Duplicates_1

Keys That Define Duplicates
Key = ?
Options
Duplicate To Retain = First

Step-14:- See here we choose this column we want to remove duplicate data based on this column values if in this column when repeated values available than remove that row.



Stage name: Remove_Duplicates_4

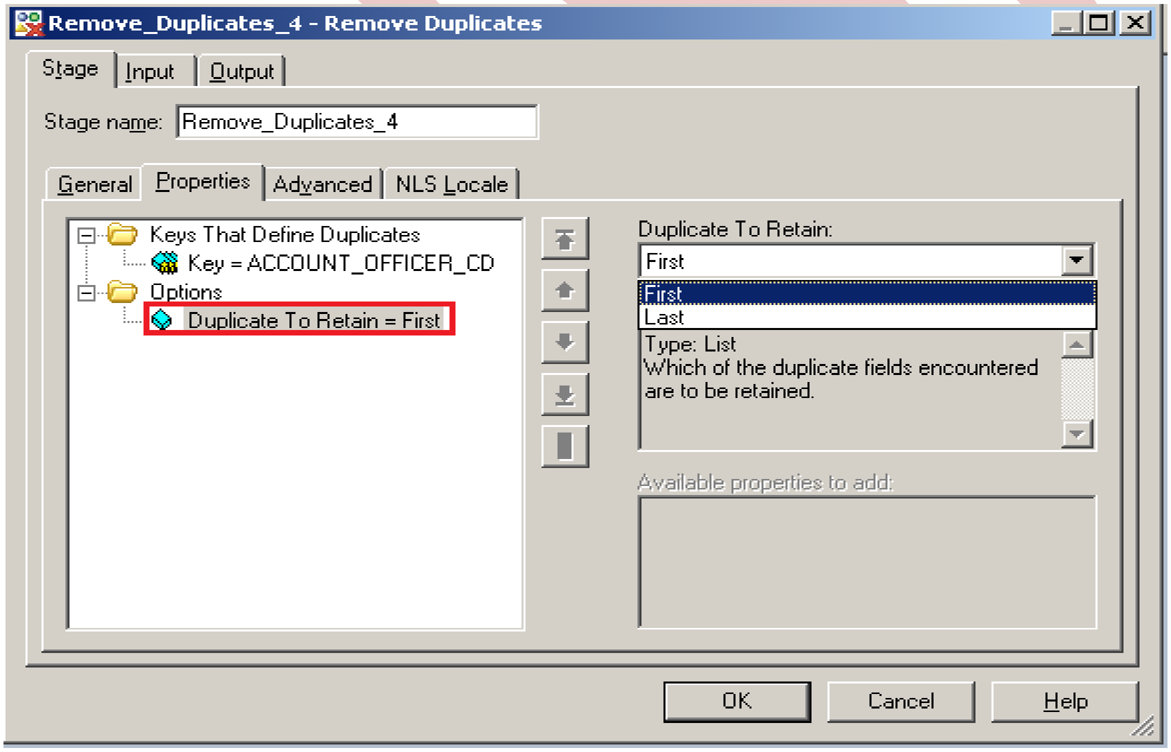
Keys That Define Duplicates
Key = ACCOUNT_OFFICER_CD
Options
Duplicate To Retain = First

Key: ACCOUNT_OFFICER_CD

ACCOUNT_OFFICER_CD
ACCOUNT_OFFICER_DISPLAY_CD
CREATED_BY
CREATION_DATE
DEFINITION_LANGUAGE
ENABLED_FLAG
LAST_MODIFIED_BY
LAST_MODIFIED_DATE
LEAF_ONLY_FLAG

Case Sensitive
Sort As EBCDIC

Step-15:- In this option which row we want to remove from source data this specify here that means here we choose if two rows were same than first row eliminate or last one we have to specify this things here.



Stage name: Remove_Duplicates_4

Keys That Define Duplicates
Key = ACCOUNT_OFFICER_CD
Options
Duplicate To Retain = First

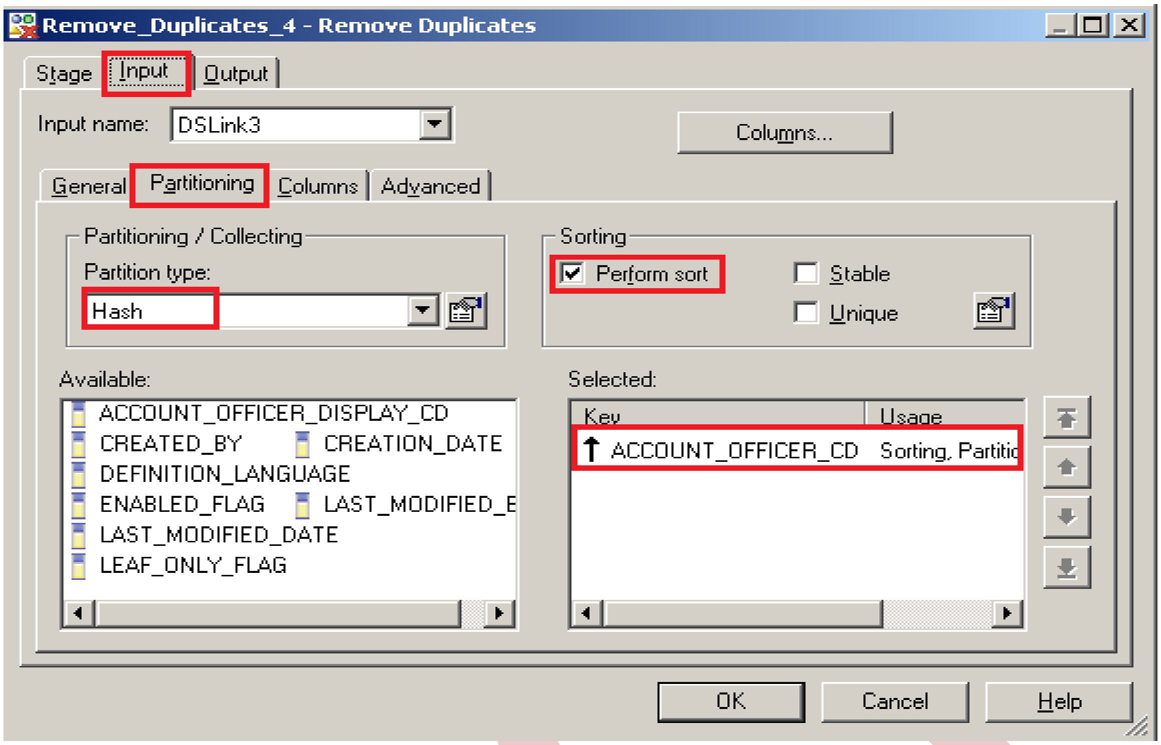
Duplicate To Retain: First

First
Last

Type: List
Which of the duplicate fields encountered are to be retained.

Available properties to add:

Step-16:- Now click to input and choose hash key partition because these are key based stage so we have to choose hash and make an unique key.


Remove_Duplicates_4 - Remove Duplicates

Stage | Input | Output

Input name: DSLink3

General | Partitioning | Columns | Advanced

Partitioning / Collecting

Partition type: Hash

Sorting

☑ Perform sort □ Stable □ Unique

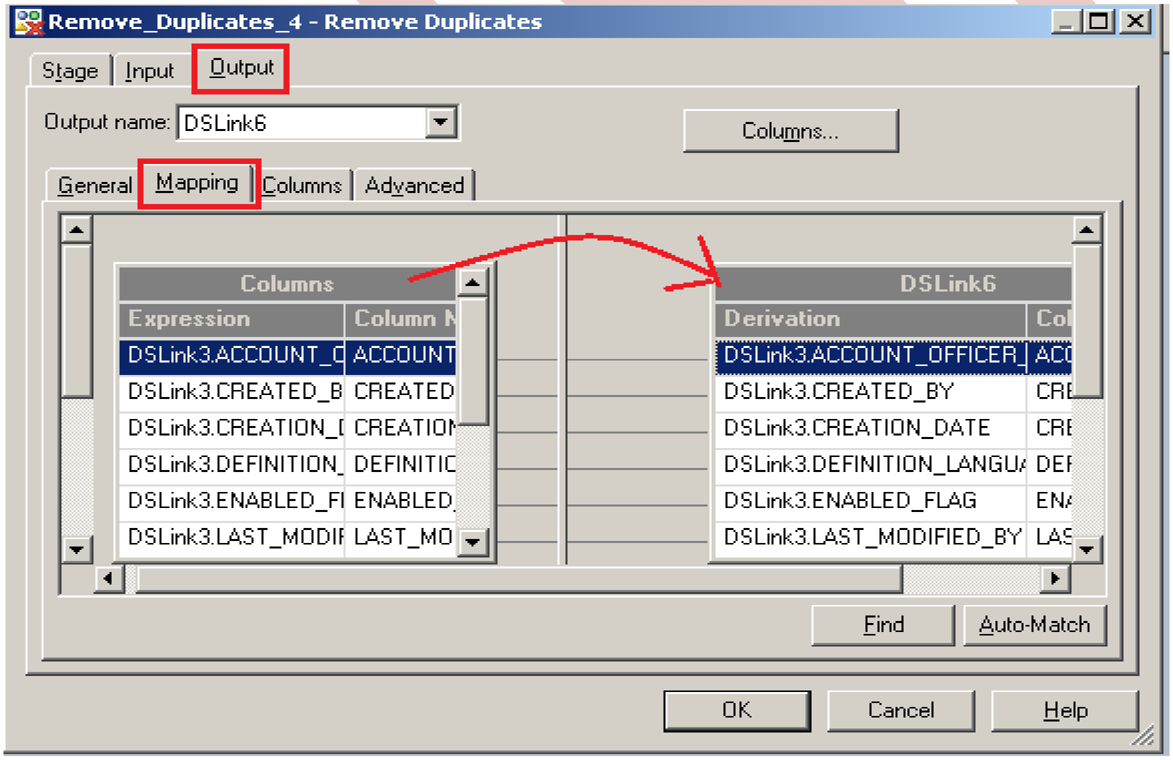
Available:

ACCOUNT_OFFICER_DISPLAY_CD
CREATED_BY CREATION_DATE
DEFINITION_LANGUAGE
ENABLED_FLAG LAST_MODIFIED_B
LAST_MODIFIED_DATE
LEAF_ONLY_FLAG

Selected:

Key	Usage
ACCOUNT_OFFICER_CD	Sorting, Partitic

Step-17:- Now go to output tab than select all links and drag them into Output link for sending data which satisfies filter condition into output links..


Remove_Duplicates_4 - Remove Duplicates

Stage | Input | Output

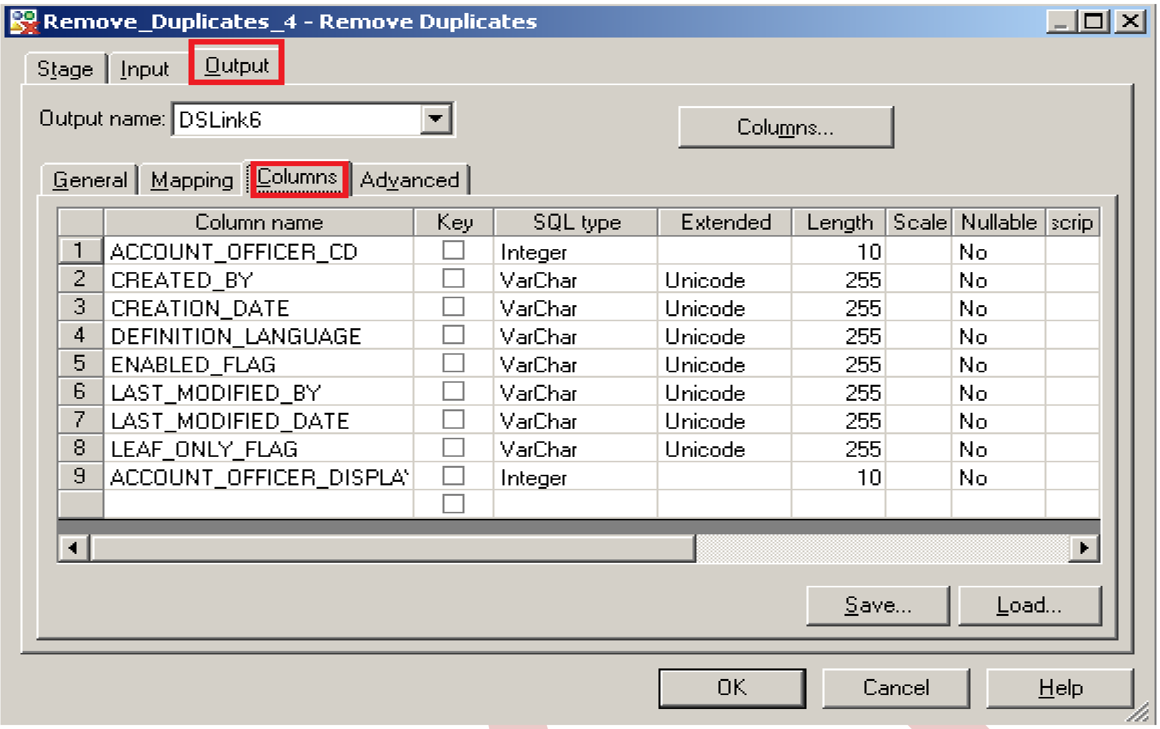
Output name: DSLink6

General | Mapping | Columns | Advanced

Columns	
Expression	Column N
DSLink3.ACCOUNT_C	ACCOUNT
DSLink3.CREATED_B	CREATED
DSLink3.CREATION_I	CREATION
DSLink3.DEFINITION_	DEFINITIC
DSLink3.ENABLED_FI	ENABLED
DSLink3.LAST_MODIF	LAST_MO

DSLink6	
Derivation	Col
DSLink3.ACCOUNT_OFFICER_	ACC
DSLink3.CREATED_BY	CRE
DSLink3.CREATION_DATE	CRE
DSLink3.DEFINITION_LANGUA	DEF
DSLink3.ENABLED_FLAG	ENA
DSLink3.LAST_MODIFIED_BY	LAS

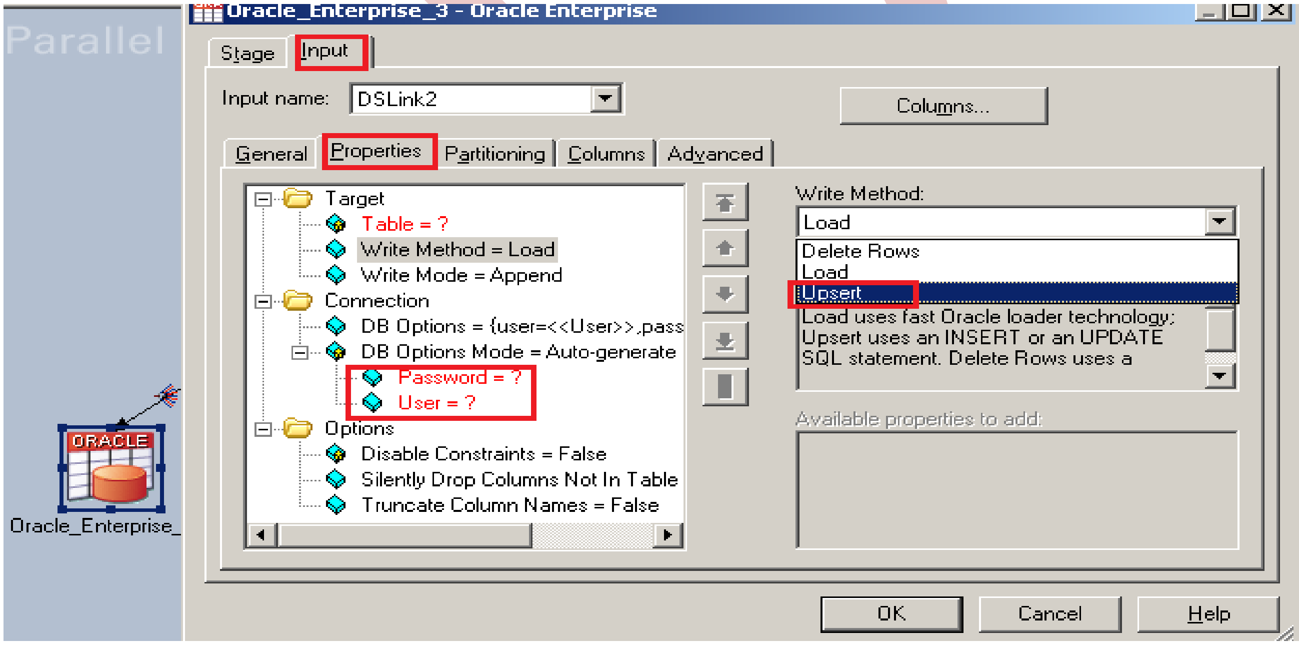
Step-18:- See here in output column there is one more column available and this column is useful for see the values of changing operation.



Output name: DSLink6

	Column name	Key	SQL type	Extended	Length	Scale	Nullable	scrip
1	ACCOUNT_OFFICER_CD	□	Integer		10		No	
2	CREATED_BY	□	VarChar	Unicode	255		No	
3	CREATION_DATE	□	VarChar	Unicode	255		No	
4	DEFINITION_LANGUAGE	□	VarChar	Unicode	255		No	
5	ENABLED_FLAG	□	VarChar	Unicode	255		No	
6	LAST_MODIFIED_BY	□	VarChar	Unicode	255		No	
7	LAST_MODIFIED_DATE	□	VarChar	Unicode	255		No	
8	LEAF_ONLY_FLAG	□	VarChar	Unicode	255		No	
9	ACCOUNT_OFFICER_DISPLA'	□	Integer		10		No	
		□						

Step-19 :- Now double click on Oracle enterprise stage than it looks like it and we have to enter our table name here in which table we want to insert our data and there multiple options if we directly want to load data than we simple used write method as load otherwise we manually put queries on it and also we have to specify username/password on it this password should be matched with oracle username/password.



Input name: DSLink2

Target
- Table = ?
- Write Method = Load
- Write Mode = Append

Connection
- DB Options = {user=<<User>>,pass
- DB Options Mode = Auto-generate
  - Password = ?
  - User = ?

Options
- Disable Constraints = False
- Silently Drop Columns Not In Table
- Truncate Column Names = False

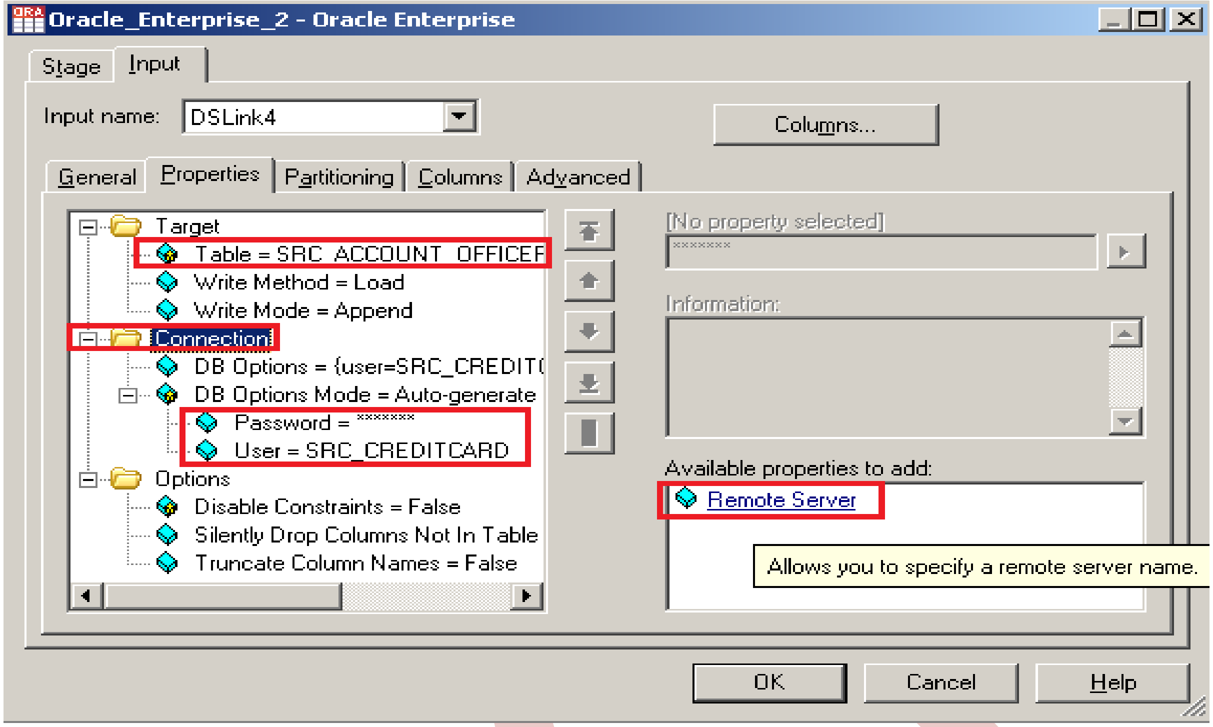
Write Method:
Load

Delete Rows
Load
Upsert

Load uses fast Oracle loader technology; Upsert uses an INSERT or an UPDATE SQL statement. Delete Rows uses a

Available properties to add:

Step-20:- There's one more option here once you click on connection tab then remote server options are popup then we have to specify our server name of oracle.



Oracle_Enterprise_2 - Oracle Enterprise

Input name: DSLink4

Target
- Table = SRC_ACCOUNT_OFFICEF
- Write Method = Load
- Write Mode = Append

Connection
- DB Options = {user=SRC_CREDIT(
- DB Options Mode = Auto-generate
  - Password = *******
  - User = SRC_CREDITCARD

Options
- Disable Constraints = False
- Silently Drop Columns Not In Table
- Truncate Column Names = False

[No property selected]

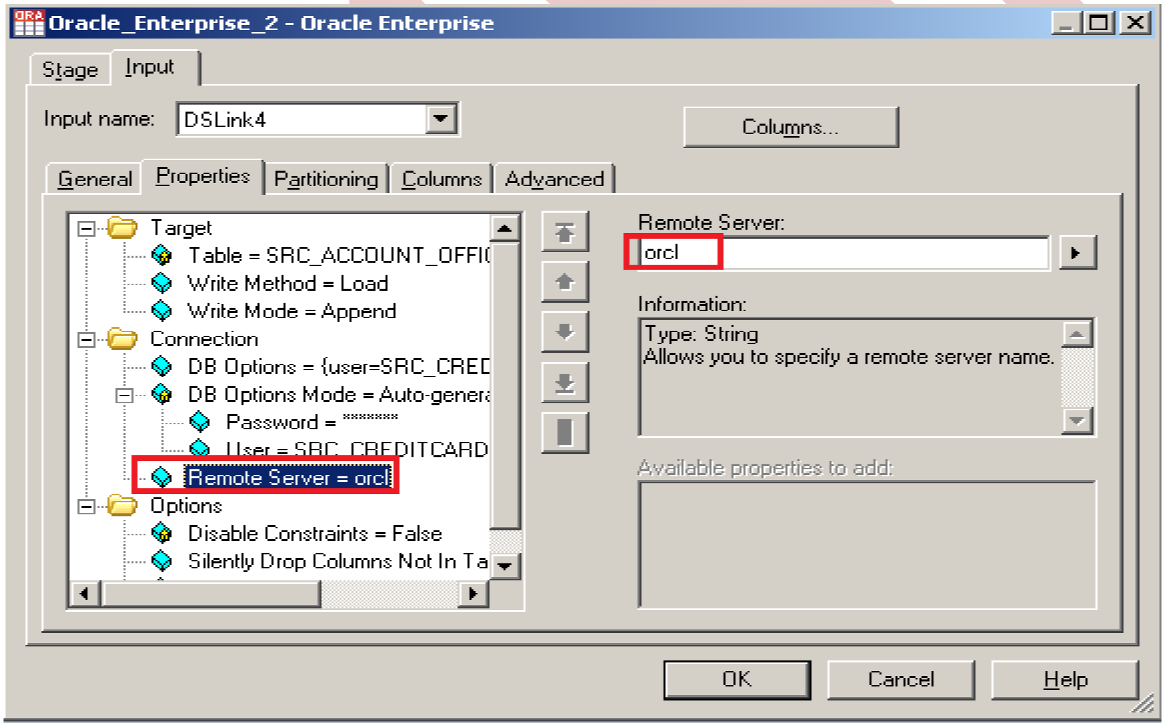
Information:

Available properties to add:

Remote Server

Allows you to specify a remote server name.

Step-21:- See below, my server name is ORCL and username/password and table name. Ensure that you put correct information then only you will be able to load the data into table.



Oracle_Enterprise_2 - Oracle Enterprise

Input name: DSLink4

Target
- Table = SRC_ACCOUNT_OFFI(
- Write Method = Load
- Write Mode = Append

Connection
- DB Options = {user=SRC_CRED
- DB Options Mode = Auto-genera
  - Password = *******
  - User = SRC_CREDITCARD
- Remote Server = orcl

Options
- Disable Constraints = False
- Silently Drop Columns Not In Ta

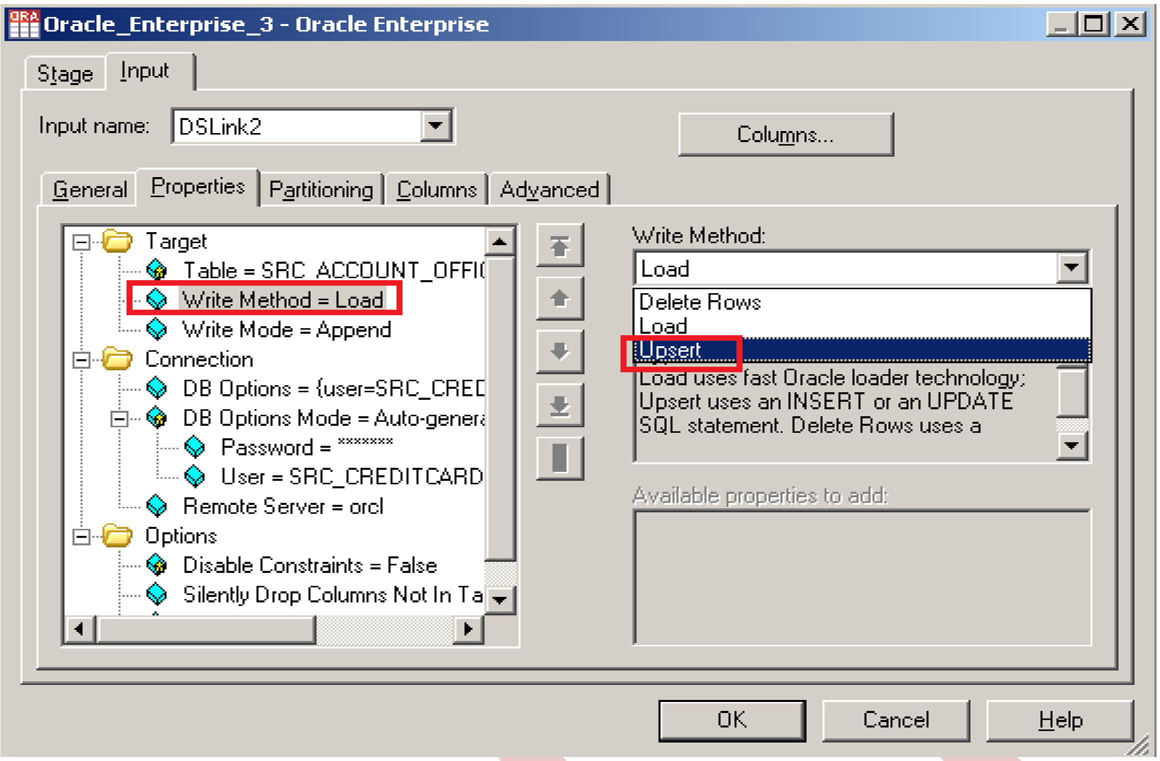
Remote Server: orcl

Information:

Type: String
Allows you to specify a remote server name.

Available properties to add:

Step-22:- Now there are two ways to load data, directly load or user define load.We choose user define that's why we choose upsert.



Input name: DSLink2

```
Target
    Table = SRC_ACCOUNT_OFFI(
    Write Method = Load
    Write Mode = Append
Connection
    DB Options = {user=SRC_CRED
    DB Options Mode = Auto-genera
        Password = *******
        User = SRC_CREDITCARD
    Remote Server = orcl
Options
    Disable Constraints = False
    Silently Drop Columns Not In Ta
```

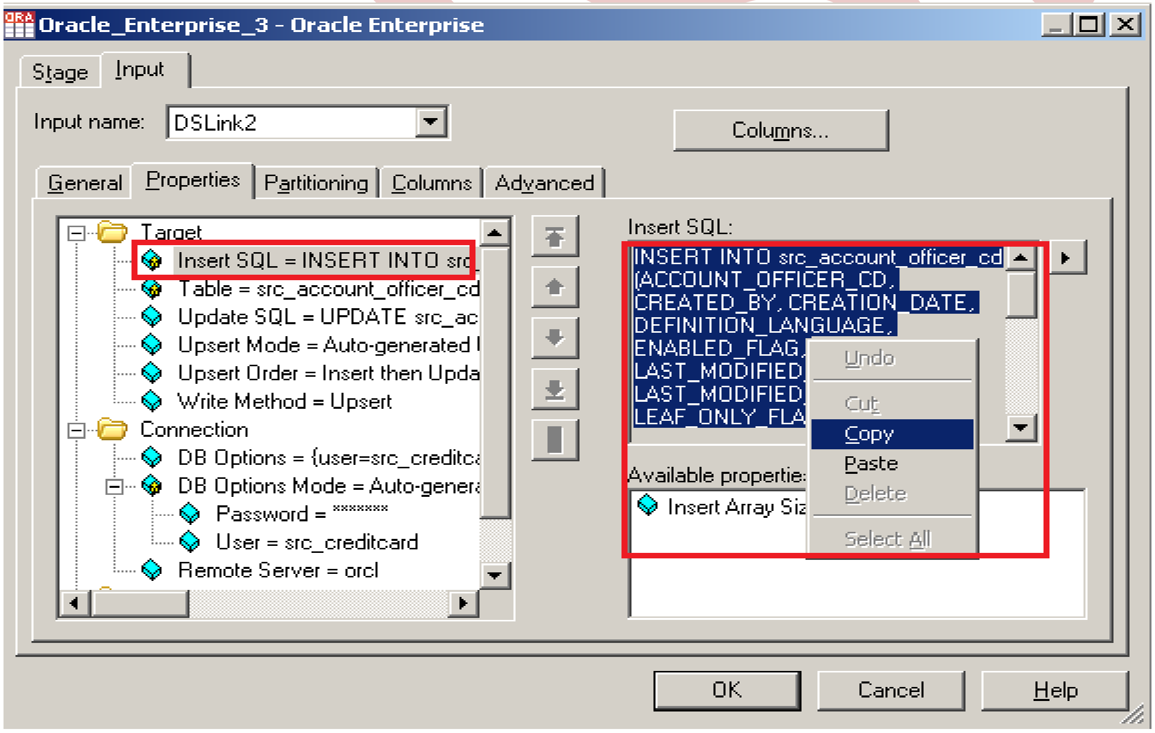
Write Method: Load

Delete Rows
Load
Upsert

Load uses fast Oracle loader technology; Upsert uses an INSERT or an UPDATE SQL statement. Delete Rows uses a

Available properties to add:

Step-23:- See below ,there is insert query and update we want to insert data in oracle so copied the insert query.



Input name: DSLink2

```
Target
    Insert SQL = INSERT INTO src
    Table = src_account_officer_cd
    Update SQL = UPDATE src_ac
    Upsert Mode = Auto-generated I
    Upsert Order = Insert then Upda
    Write Method = Upsert
Connection
    DB Options = {user=src_creditca
    DB Options Mode = Auto-genera
        Password = *******
        User = src_creditcard
    Remote Server = orcl
```

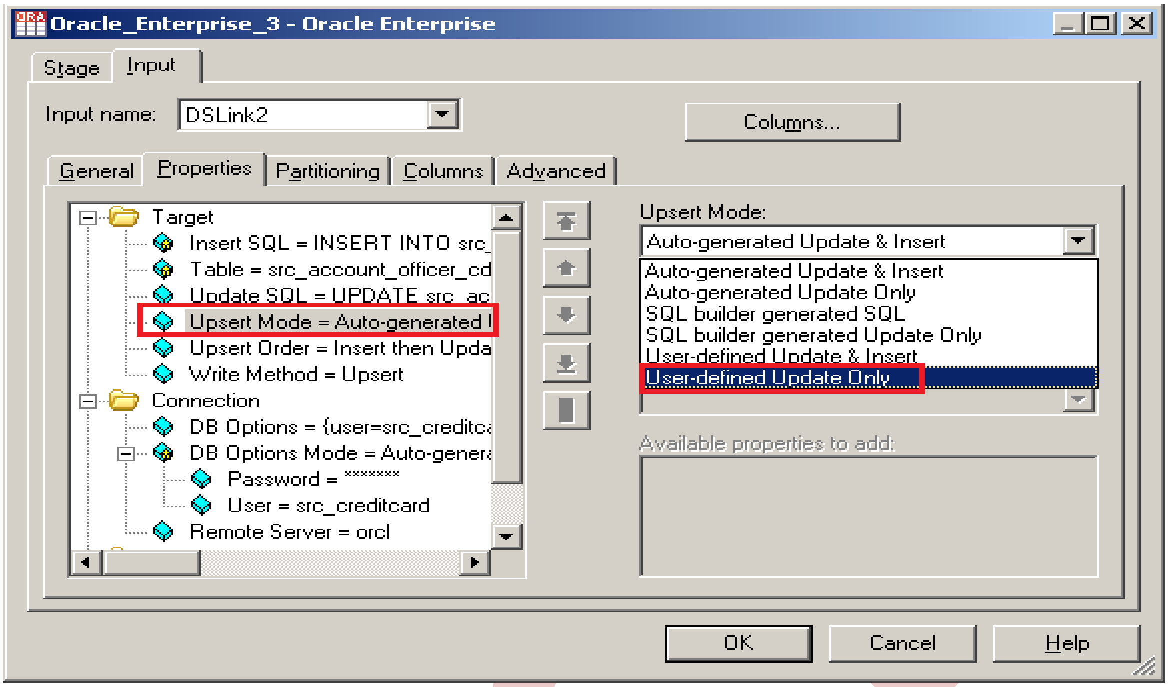
Insert SQL:

```
INSERT INTO src_account_officer_cd
(ACCOUNT_OFFICER_CD,
CREATED_BY, CREATION_DATE,
DEFINITION_LANGUAGE,
ENABLED_FLAG,
LAST_MODIFIED
LAST_MODIFIED
LEAF_ONLY_FLA
```

Available propertie

Insert Array Siz

Step-24:- We only want to update our data by insert data in table ,so we copied the insert query and put in this and because we only want to update so we have choosen update only method.


Oracle_Enterprise_3 - Oracle Enterprise
Stage
Input
Columns...
General
Properties
Partitioning
Columns
Advanced
Available properties to add:
OK
Cancel
Help

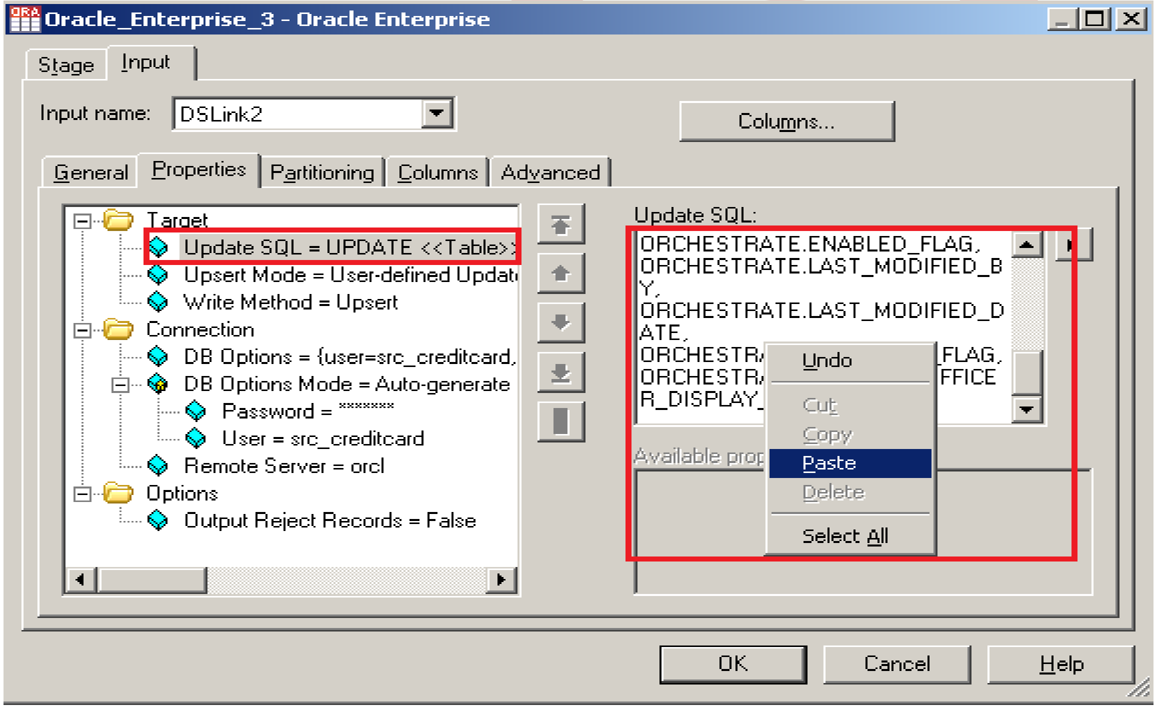
Input name: DSLink2

```
Target
    Insert SQL = INSERT INTO src_
    Table = src_account_officer_cd
    Update SQL = UPDATE src_ac
    Upsert Mode = Auto-generated I
    Upsert Order = Insert then Upda
    Write Method = Upsert
Connection
    DB Options = {user=src_creditca
    DB Options Mode = Auto-genera
        Password = *******
        User = src_creditcard
    Remote Server = orcl
```

Upsert Mode: Auto-generated Update & Insert

Auto-generated Update & Insert
Auto-generated Update Only
SQL builder generated SQL
SQL builder generated Update Only
User-defined Update & Insert
User-defined Update Only

Step-25:- Now paste the query into update space.



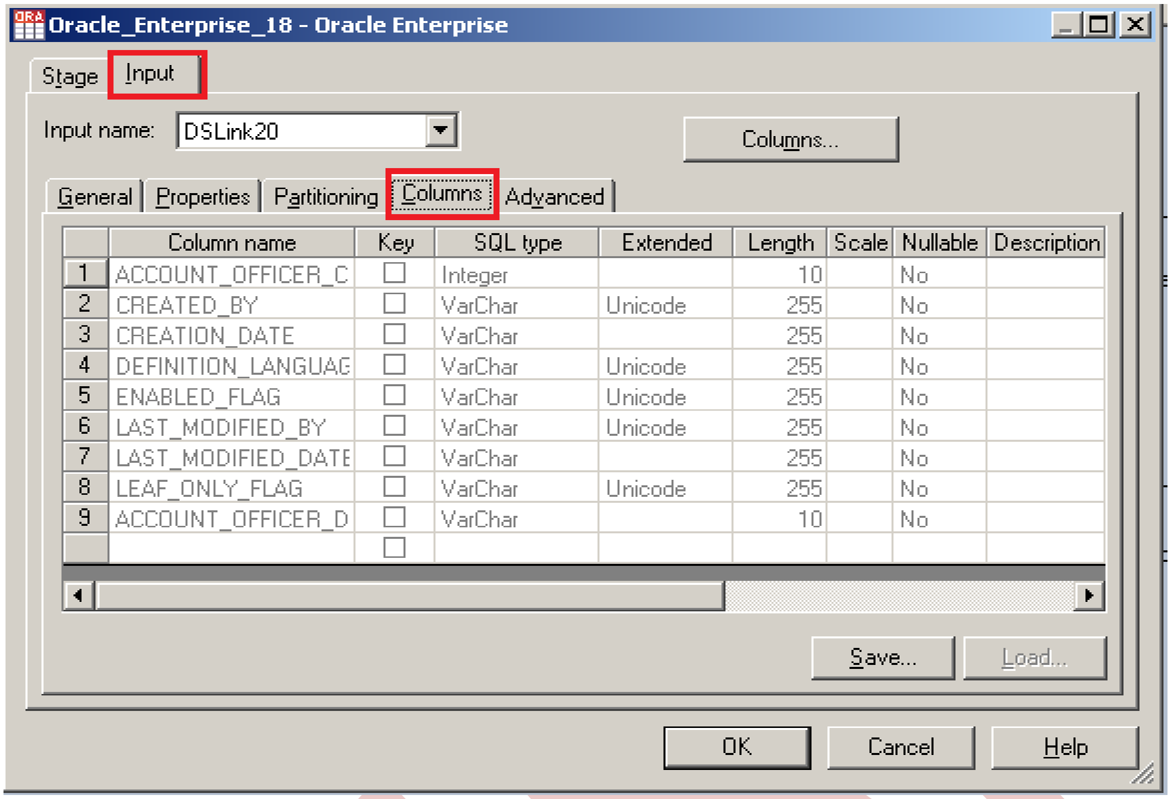
Input name: DSLink2

```
Target
    Update SQL = UPDATE <<Table>>
    Upsert Mode = User-defined Updat
    Write Method = Upsert
Connection
    DB Options = {user=src_creditcard,
    DB Options Mode = Auto-generate
        Password = *******
        User = src_creditcard
    Remote Server = orcl
Options
    Output Reject Records = False
```

Update SQL:

```
ORCHESTRATE.ENABLED_FLAG,
ORCHESTRATE.LAST_MODIFIED_B
Y,
ORCHESTRATE.LAST_MODIFIED_D
ATE,
ORCHESTR/          FLAG,
ORCHESTR/          FFICE
R_DISPLAY_
```

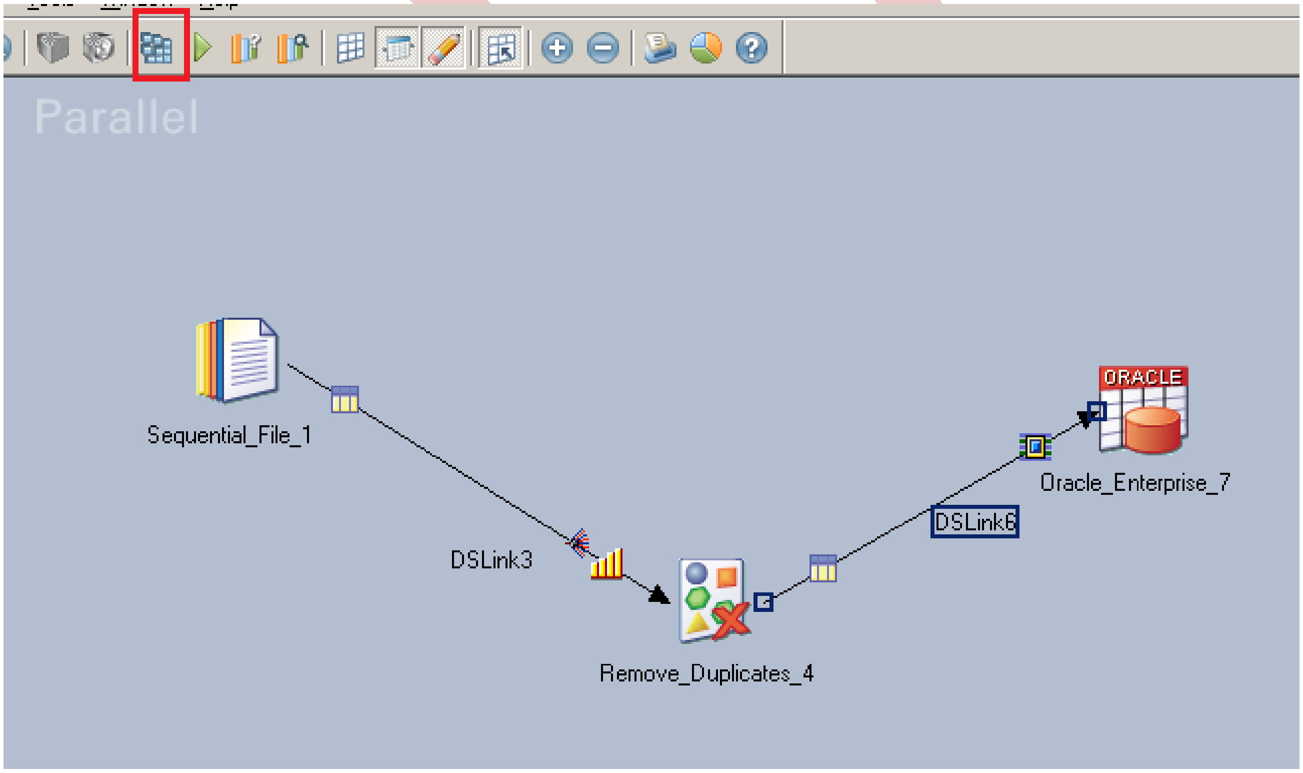
Step-26:- Click on column tab and see all the columns are showing or not.



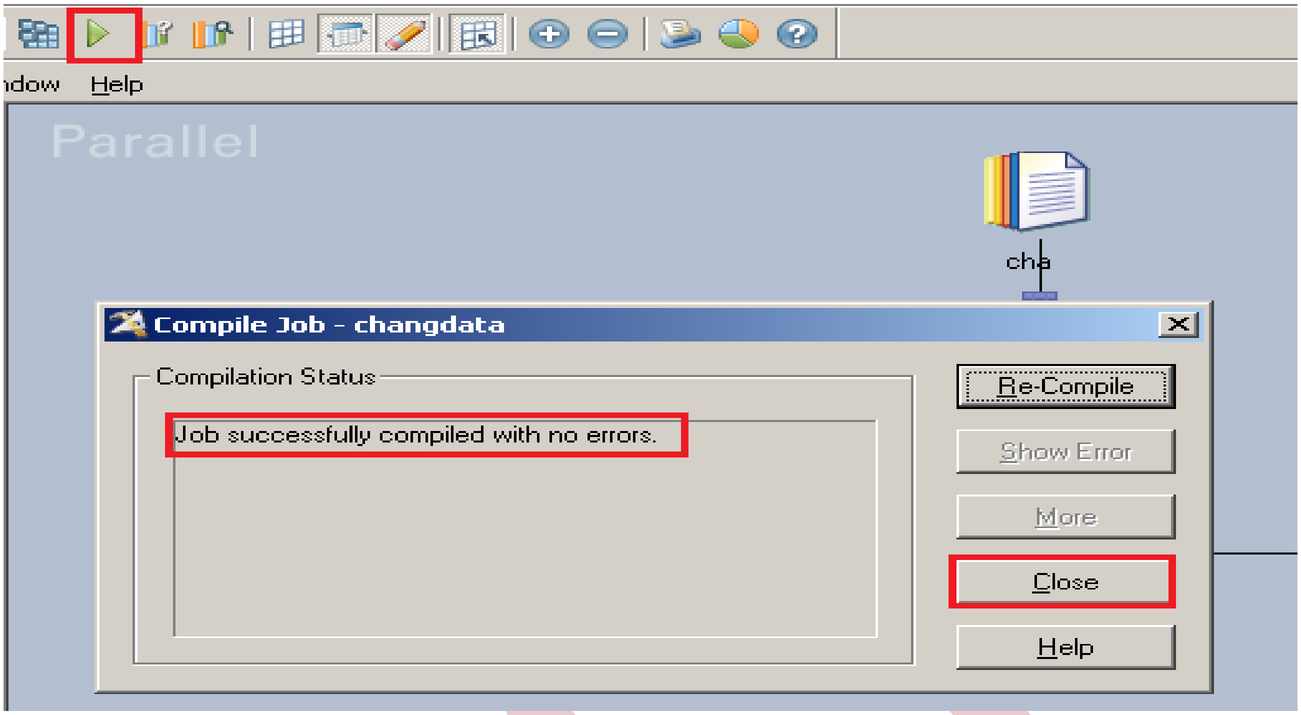
Input name: DSLink20

	Column name	Key	SQL type	Extended	Length	Scale	Nullable	Description
1	ACCOUNT_OFFICER_C	□	Integer		10		No	
2	CREATED_BY	□	VarChar	Unicode	255		No	
3	CREATION_DATE	□	VarChar		255		No	
4	DEFINITION_LANGUAG	□	VarChar	Unicode	255		No	
5	ENABLED_FLAG	□	VarChar	Unicode	255		No	
6	LAST_MODIFIED_BY	□	VarChar	Unicode	255		No	
7	LAST_MODIFIED_DATE	□	VarChar		255		No	
8	LEAF_ONLY_FLAG	□	VarChar	Unicode	255		No	
9	ACCOUNT_OFFICER_D	□	VarChar		10		No	
		□						

Step-27:- This shown like this and now click on button for compiling our job.

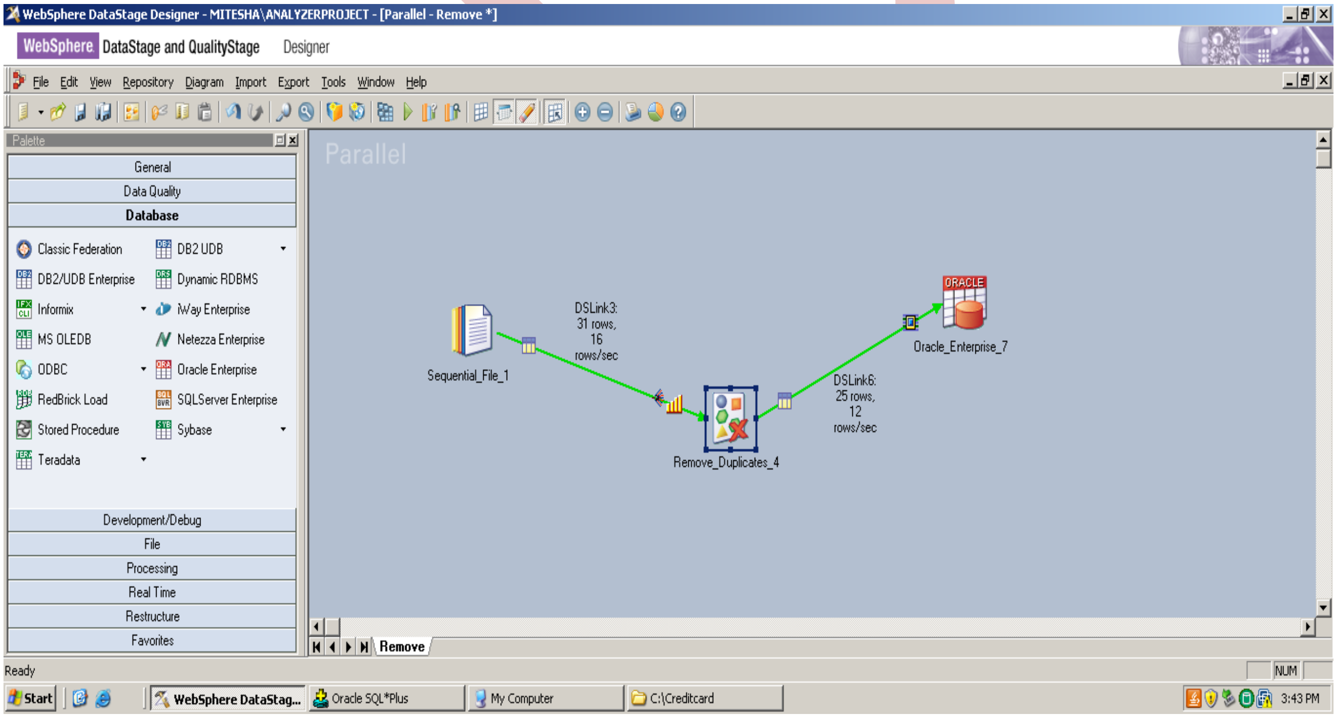


Step-28:- If this shown that means your compilation is done otherwise it shows error and now click on run button or (CTRL+F5).



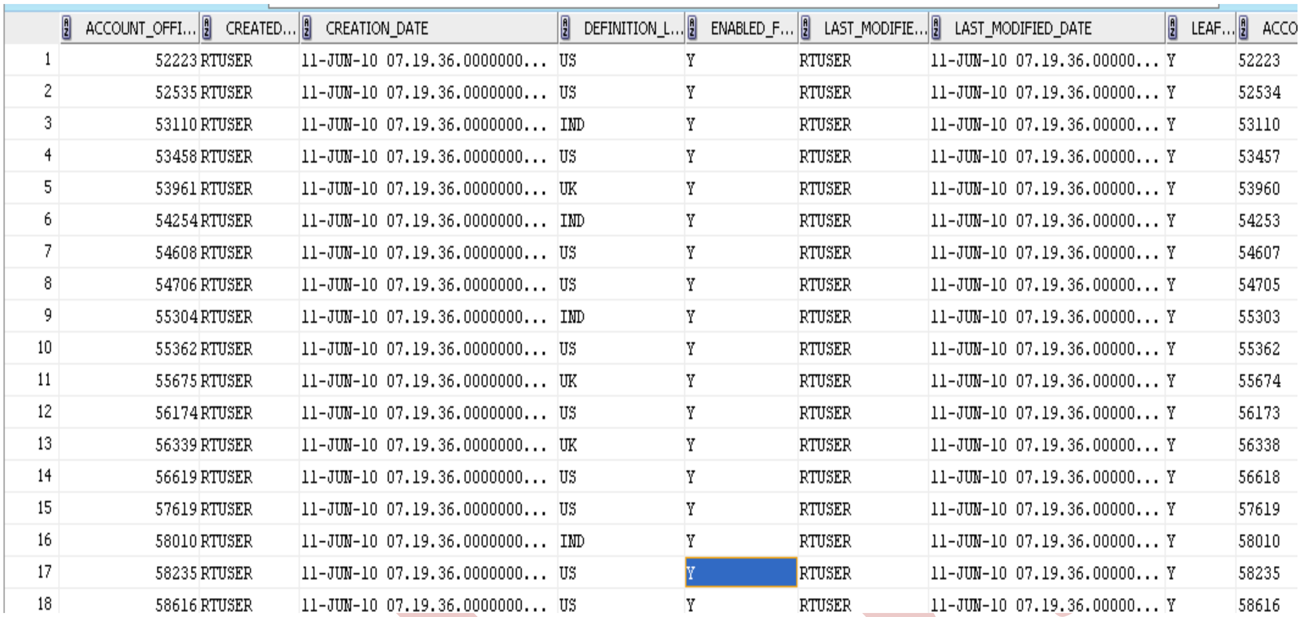
Job successfully compiled with no errors.

Step-29:- After click on run wait for a while than it shows GREEN line that means your transformation is successfully done otherwise if it shows RED Line that means not Done and BLUE Line means Under Process.



Step-30:- Now Go to SQL Console and connect with the same login credentials as I mentioned in oracle enterprise stage src_creditcard/password so you can choose your own username and password. Before loading, remember to check structure of this file is available and then you should be able to load the data. then simple query:

<SELECT * FROM SRC_ACCOUNT_OFFICER_CD;>



	ACCOUNT_OFFI...	CREATED...	CREATION_DATE	DEFINITION_L...	ENABLED_F...	LAST_MODIFIE...	LAST_MODIFIED_DATE	LEAF...	ACCO
1	52223	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	52223
2	52535	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	52534
3	53110	RTUSER	11-JUN-10 07.19.36.0000000...	IND	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	53110
4	53458	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	53457
5	53961	RTUSER	11-JUN-10 07.19.36.0000000...	UK	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	53960
6	54254	RTUSER	11-JUN-10 07.19.36.0000000...	IND	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	54253
7	54608	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	54607
8	54706	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	54705
9	55304	RTUSER	11-JUN-10 07.19.36.0000000...	IND	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	55303
10	55362	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	55362
11	55675	RTUSER	11-JUN-10 07.19.36.0000000...	UK	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	55674
12	56174	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	56173
13	56339	RTUSER	11-JUN-10 07.19.36.0000000...	UK	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	56338
14	56619	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	56618
15	57619	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	57619
16	58010	RTUSER	11-JUN-10 07.19.36.0000000...	IND	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	58010
17	58235	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	58235
18	58616	RTUSER	11-JUN-10 07.19.36.0000000...	US	Y	RTUSER	11-JUN-10 07.19.36.00000...	Y	58616